

Distributing Agency

B. F. GOODRICH CO.

PRICES	
G. & J. Tires, pair.....	\$10.00
No. 999 Anti-Cactus, pair.....	12.00
No. 999 Roadster, pair.....	3.00
Palmer Tires, pair.....	10.00
No. 19 Anti-Cactus, pair.....	11.00
No. 19 Roadster, pair.....	7.00
M. & W. Pattern, pair.....	7.00

ASK YOUR DEALERS FOR

...Goodrich Tires...

And insist that you get them. We are distributors and supply the trade.

SAY!

Have you seen our New Wheels That we are Selling at

\$20, \$25, \$30, \$40

The Ever Ready

Electric Bike Light

MAKES NIGHT RIDING A PLEASURE

No Smoke

No Grease

No Smell

A Fine \$17.50 Bike

ON SALE



for a...

few days

OUR PRICES

The Best Goods for the Small Outlay

Second Hand Bargains

We are closing them out at

\$5, \$6.50, \$7.50, \$9 and up Each

Pearson & Potter

COMPANY, LTD.

926 Fort Street.

Phone Main 317.

General Repair Shop

WE DO ABSOLUTELY EVERYTHING IN THE LINE OF REPAIR WORK, BICYCLES, TYPEWRITERS AND GENERAL SMALL MACHINE WORK A SPECIALTY.

EVERY JOB GUARANTEED.

FREE DELIVERY of REPAIR WORK

HAVE YOU TRIED IT? RING US UP AND WE WILL SEND FOR AND DELIVER WITHOUT CHARGE.

.1901.

"Go-Lightlys"

NOW ON

EXHIBITION

Search Light

Oil Lamps

DO NOT BLOW OUT. YOU DON'T HAVE TO BOTHER WITH THEM.

SEE THEM ON

...EVERY WHEEL

NO PILIKIA

Scientific Miscellany

The protective color changes shown by many animals are a most interesting phenomenon. A study has been made by Dr. F. W. Gamble and Prof. F. W. Keeble of these changes in Hippolyte varians, which is a prawn that spends its life firmly attached to seaweeds, and whose colors are shades of green or brown, often variegated with stripes or spots of yellow or red. If driven from its home, it seeks a weed of its own color, and when compelled to take up with another it slowly changes color to that of the new weed. The color changes are of three kinds—a slow, sympathetic change to the color of the surroundings, a rapid change due to increase in the intensity of the light, and a periodic change from the colors of day to a transparent blue at night. The blue may have the depth of indigo, with such transparency that the vital organs may be distinctly seen. The tides produce two changes of illumination daily, and the prawns change correspondingly, the color-patterns seeming to depend more on intensity than kind of light. The color changes are now known to result from a certain nervous activity.

New trees in astonishing number have been lately discovered by botanists in the United States. Since the beginning of this year, Prof. C. S. Sargent has made known not less than twenty hitherto undescribed species, one (Gleditsia Texana) growing in the valley of the Brazos river, Texas, to a height of 100 to 125 feet, and a diameter of 2 1/2 feet. The nineteen others are new species of Crataegus, the genus which includes the hawthorn and other flowering thorns. Not less than thirteen of them are from the Champlain valley, mostly near Middleburg, Vt., the others being scattered from Quebec to Alabama, and as far west as Missouri.

Thinking over the large castings of which he has read, a modern foundryman recalls that two columns of King Solomon's Temple were of cast brass, 27 feet high, 6 feet in diameter, 4 inches thick, and weighed about 44 tons each. To make such castings would be an interesting piece of work with even the appliances of today.

The use of turf fiber for ordinary textiles has been a subject of experiment in Germany by Herr Carl Geige. The preparation of the material is a complicated process, but the product, called turf-wool, can be supplied at a much lower price than cotton or flax, so it is stated, and it is perfectly adapted for spinning. Clothing and hosiery stuffs made from a mixture of equal parts of turf wool and sheep's wool are found to have the appearance of pure wool. The turf fiber is little affected by dampness, can be bleached quite white, can be made to absorb dyes of all kinds, and is a bad conductor of heat. It is firm and durable enough to be useful for driving bands for machinery.

Oxygen inhalation is reported by a British physician to have given very favorable results in pneumonia. It reduces temperature, and often has a remarkable hypnotic influence, but it has no apparent effect on the respiratory system. It aids in gaining weight by increasing the appetite. In its ac-

tion on digestion it causes dryness of the mucous membranes, but this is relieved by draughts of acidulated water. In external applications to ulcers and wounds, the gas is used for several hours at a time, day and night, with a sterilized water dressing at other times. The surrounding skin becomes very dry, and lanolin is recommended to prevent cracking.

Catechu, or cutch, has been adulterated in Burma with thansha, an extract of the than tree. The adulterant has been supposed to be a worthless material, but recent investigation shows that it contains a large proportion of tannin, and its production for tanning purposes is likely to become a legitimate and probably important industry. An advantage of thansha is that it lacks red and brown coloring matters, being thus adapted for making high-class leather.

One of the most striking—not to say startling—of recent discoveries, is that of a slight loss of weight in certain chemical reactions. But, instead of proving the destructibility of matter, a later view is that weight may vary with physical and chemical conditions, and that this may throw light on the nature of gravitation. If the electrical theory of gravitation be true, for instance, change in the atom might be expected to change the limits of its electric influence.

Osmium wires having been produced by a process invented by Auer von Welsbach, such wires have been tried in incandescent lamps. They are heated by the passage of the electric current, like the ordinary carbon filament, and as they stand high temperature well, osmium being the most difficult of all metals to fuse, lighting is effected with great economy. The current is used at pressures of only 25 to 50 volts. Experiments have shown that for the same candle-power the osmium lamps use only 40 per cent of the current of ordinary incandescent lamps of the same voltage, and that when an osmium lamp and a carbon filament lamp consume the same energy, the former gives three and one-half times the candle-power of the latter. The life of the osmium lamp may range from 700 to 1,500 hours.

Dry heat is ingeniously applied to the body by a new apparatus of Dr. Hugo Davidson. This is either a pillow or a mattress of rubber cloth, to the upper side of which is sewed rubber tubing at distances of one-half to three-fourth of an inch, the whole being laid upon a suitable support covered by a layer of asbestos. A stream of hot water running through the tubing maintains an even temperature of any required degree. In the mattress the tubing is so arranged that either the lower or the upper extremity may be heated separately, and the apparatus forms a soft and comfortable couch. Besides other applications, this offers a very convenient method of inducing perspiration.

Electricity is reported to have proven an effective remedy for frost-bite. Circulation is set up and continues for a considerable time after current has been passed between poles applied to opposite sides of an affected member, but several applications may be necessary to complete the restorative process. One who has thoroughly tested the treatment claims that rea-



PRINCESS AUERSPERG, NEE HAZARD.

Princess Auersperg, formerly Florence Hazard, the subject of the above cut, is the daughter of Millionaire E. C. Hazard of Shrewsbury, N. J., and New York. The Princess is a notable addition to the contingent of noble women of American birth. She is popular with men and women alike, has attractive manners, expressive eyes, and has, above all, wit and great cleverness as an entertainer. She tells the latest stories and tells them well, knows all the latest songs and can sing and act them charmingly.

sonably prompt application has always resulted in a cure, without sloughing or gangrene.

A novelty in postal card correspondence is proposed by J. L. Toner. A solid blue ground is printed on the card by the ferricyanide process, and caustic potash solution is used for writing on this surface, the characters appearing brownish-white on the blue card.

A fodder plant of Egypt, the Lotus Arabicus, is poisonous at certain stages

of growth to horses, sheep and goats. Investigation at the London Royal Institution has proven that the leaves near the time of flowering contain a new glucoside, which is to be called lotusine, and this is changed by a new enzyme found in the plant into prussic acid, sugar and a hitherto unknown coloring matter. The old plants contain the enzyme, but not the glucoside. Lotusine is of great scientific interest because, while prussic or hydrocyanic acid is found in traces in many plants, the only well known glucoside producing it is the amygdaline of bitter almonds.

LETTER LIST

List of unclaimed letters remaining in the postoffice at Honolulu up to March 24, 1901:

GENTLEMEN.

Austin, Wm Lono
Armstrong, W H
Adams, W J
Aafs, Capt Otto
Archibald, H T
Barnhart, W O
Baldwin, Herman
Bainbridge, M A
Becker, Anton P
Besser, P W H
Bishop, T
Bluxome, M T
Bond, A M
Brown, A S
Burrows, H
Burns, Wm
Buck, Stearns
Carpenter, F
Campion, J W
Campbell, W J
Chapman, N A
Cox, Noah
Cottrell, W L
Cobbold, Rev R F
Conant, Master
Ellsworth
Corberley, Burt
Collins, F M
Cope, Oscar P
Connelly, L J
Collins, J K
Cooper, Henry
Crawley, J W
Culbertson, C E
Cunningham, Capt
W L
Charman, Master
Willie
Disno, W H
Davis, Tom
Davis, Walter L
Day, C P
Dickey, P W
Dow, David
Donnelly, Wm
Dower, J J
Drakmann, T
Dunn, Allan
Dyer, T
Edwards, Mr
Eppers, Chr
Elmerne, Master
E
Ellis, J W
Elvin, Chas
Falvey, Dan
Friedersdorf, Reinhold
Gandeshbergren, Mr
Garlick, Mr
Gretker, Bernhard
Graf, Otto
Grafton, Capt C W A
Griggs, Herman S
Grayham, T
Green, Cyrus T
Hall, W C
Harker, James
Hart, Herbert
Harrison, J H
Hall, W A
Harvey, James J
Hardy, P C
Hardy, O J
Heitman, C H
Hein, Charles
Hey, E
Henry, 313 Poepine St
Howell, A W
Holt, Jas L
Houghtalling, J
Hughes, J J
Ihon, J
Jensen, H
Jensen, Karl
Johnson, Mr and Mrs C
Johnson, William

Jarrett, Paul
Jesse, J L
Kaiser, Anthony E
Kahn, L

LADIES.

List of unclaimed letters remaining at the post office at Honolulu up to March 23.
Anderson, Mrs
Wm R
Allen, Mrs J G
Alexander, Mrs A C
Bush, Miss Florence
Bell, Miss Ray
Brown, Mrs Johnny
Bluxome, Mrs M T
Bush, Mrs Clara T
Birkmyer, Mrs H
Bredo, Mrs Sarah
Belmont, Miss Lulu
Bridgewater, Mrs E
Bennett
Bergstrom, Miss C
Blake, Mrs Louise
Curtis, Mrs G B
Curtain, Miss Frances
Cathcart, Mrs Alex
Cunynham, Mrs V
Cramer, Mrs E May
Christina, Miss
Lily
Curtis, Mrs G B
Cowen, Mrs C M
Craddock, Mrs K
Coleman, Mrs Harriet A
Cramer, Mrs G F
Carbone, Miss M
Crocker, Miss E V
Chapman, Mrs
Lydia
Davis, Mrs Fred R
Fraser, Miss May
Frary, Miss Ida
Florentine, Mrs
Fehlert, Mrs
Fetter, Mrs Otto
First, Mrs J C
Howard, Emma P
Hinch, Miss Mary
Hunt, Miss Julia
Jekle, Mrs
Jensen, Miss Maggie
Kesh, Miss Helen
Knoche, Johanna
Kinney, Miss
Maud
Kohrstrom, Miss
Sera
Watson, Miss Carrie M.
Kempster, Miss M
Lack, Mrs Thos
Lund, Mrs Esther
Mackay, Dr Katharine
McGregor, Mrs D
McGregor, Mrs
Lucy
McCord, Anna C
McLean, Mrs E
Meine, Miss Augusta
Miller, Mrs E J
Manson, Mrs G
Miner, Mrs Rose
McCore, Miss Alice
Muller, Mrs Sadie
Miller, Mrs E Earl
Mackay, Dr Kate
Moore, Miss Alice
Edith
Moore, Mrs Mil
Potts, Miss Emma C
Phelps, Mrs
Rosen, Miss
Roscoe, Mrs B
Willoughby
Raabe, Mrs J
Rostein, Mrs Louis
Rowcastle, Mrs
Robinson, Elizabeth
Sander, Mrs David
Spencer, Mrs Chris
Simpson, Mrs C K
Stephenson, Miss
Annie
Valdenberg, Miss
Elli
Wright, Mrs Edward
Walden, Margarette
Williams, Mrs F
Wilcox, Mrs May
Wall, Mrs Hanna
Wassels, Mrs Geo
Welch, Mrs Florence
Wheeler, Mrs J
Ward, Miss E
Williams, Mrs
Young, Miss Nellie
Rice, Mrs D B

AN HONEST MEDICINE FOR LA GRIPPE.

George W. Walt of South Gardner, Me., says: "I have had the worst cough, cold, chills and grip and have taken lots of trash of no account but profit to the vendor. Chamberlain's Cough Remedy is the only thing that has done any good whatever. I have used one bottle of it and the chills, cold and grip have all left me. I congratulate the manufacturers of an honest medicine." For sale by Benson, Smith & Co., Ltd., sole agents Hawaii Territory.

A STRONG RECOMMENDATION.

"But what makes you think that you would succeed as a nurse in Bellevue hospital if you have had no experience?" was asked. He smiled superiorly. "I was expelled from West Point for hazing," was his convincing answer—Life.